Please insert the Abstract that is enclosed herewith into the application as a separate page.
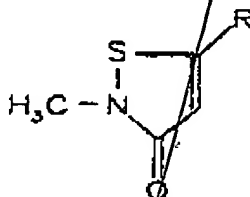
In the Claims:

Please cancel Claim 1.

Please insert new Claim 6 as follows:

6.   (New) A biocide composition comprising:

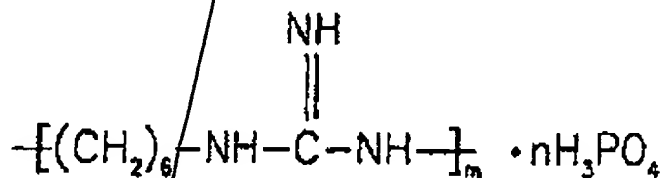3-isothiazolone having the following General Formula 1:

General Formula 1

$$H_3C-N \begin{array}{c} S \\ | \\ N \end{array} \begin{array}{c} R \\ \\ O \end{array}$$

wherein R is hydrogen or chlorine, and

polyhexamethyleneguanidine phosphate having the following General Formula 2:

General Formula 2

$$-[(CH_2)_6-NH-\overset{\overset{\displaystyle NH}{\|}}{C}-NH-]_m \cdot nH_3PO_4$$

wherein m is an integer from 4 to 7 and n is an integer from 1 to 14.

Please amend Claims 2-5 as follows:

2.   (Amended) A biocide composition according to claim 6, wherein the mixing ratio of 3-isothiazolone and polyhexamethyleneguanidine phosphate is a weight ratio of 1:1 to 1:65.

3.   (Amended) A biocide composition according to claim 6, wherein the 3-isothiazolone is a mixture in which 3-isothiazolone having R of hydrogen and 3-isothiazolone having R of chlorine are mixed in a weight ratio of 1:20 to 20:1 and the mixing ratio of 3-isothiazolone and polyhexamethyleneguanidine phosphate is from 1:1 to 1:4.
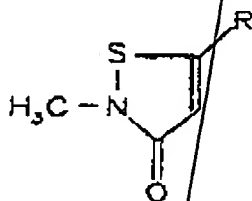
4.   (Amended) A biocide composition according to claim 6, characterized in that before the use of the biocide composition, said biocide composition is mixed with a media selected from the group consisting of cooling water for an industrial process, disinfectant, paint, antiseptic for latex, additives for cosmetics, additives for emulsion products, slime control chemicals for textile weaving, paper slime control agent, antiseptic for leather goods, and antiseptic for metal processing oil.

5.   (Amended) A sterilizing method for killing or restraining the growth of bacteria, fungi and/or algae, wherein said method comprises the step of applying a biocide composition into the area that is contaminated by bacteria, fungi and/or algae,

wherein said biocide composition comprises:

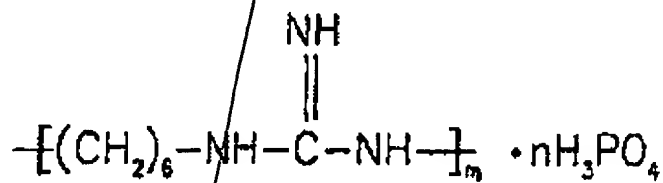3-isothiazolone having the following General Formula 1:

General Formula 1

$$H_3C-N \overset{S}{\underset{\underset{O}{\parallel}}{}} R$$

wherein R is hydrogen or chlorine; and

polyhexamethyleneguanidine phosphate having the following General Formula 2:

General Formula 2

$$-[(CH_2)_6-NH-\overset{\overset{\displaystyle NH}{\parallel}}{C}-NH-]_m \cdot nH_3PO_4$$

wherein m is an integer from 4 to 7 and n is an integer from 1 to 14.